Bruhath Bangalore Mahanagara Palike Dasarahalli Zone

Name of Work : Detailed Estimated for Improvements & Asphalting to Ashwathkatte main road Basaveswara road, and other roads in Mallasandra in Shettyhalli Sub Division, Ward No.13

Est.Cost Rs 40.00Lakhs

Sl. No.	Description of Items	Unit	No.	L.	B.	D	Qty.	Rate	Amount
1	2	3	4	5	6	7	8	9	10
1	KSRB 2-1.2: Earthwork in surface excavation in ordinary soil for levelling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift up to 1.5m, excavated surface leveled and neatly dressed, disposed earth to be leveled after breaking of clods and neatly dressed as per specifications, specification No. KBS 2.1(a) / 2.3.1 Page No. 5/ Item No. 2.1/ PWD SR 2012-13 For Road drains on either sides & Improving road.								
	Surrounding Cross roads	Cum	2	290.00	0.50	0.50	145.00		
	Cross		2	180.00	0.50	0.50	90.00		
	Cross		2	110.00	0.50	0.50	55.00		
			2	60.00	0.50	0.50	30.00		
			2	60.00	0.50	0.50	30.00		
			2	55.00	0.50	0.50	27.50		
	Total Length of road for Asphalt Dipression	15500x6/100=		930.00	0.30	0.15	41.85 139.50 517.00 419.35	110.24	46129.46 56994.00
	Basic Rate	104.00							
	Area Weightage @ 6%	6.24							
		110.24							
2	KSRRB M400-17: Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam Specifications including premixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per Specifications.MORTH Specification No. 406 **Page No. 167/ Item No. 20.18/ PWD SR 2012-13**								
	Total Length of road for Asphalt Dipression	Cum		930.00	0.30	0.20	55.80 186.00 186.00 55.80		59119.00
	Basic Rate	981.00						1059.48	197063.00
	Area Weightage 8%	78.48							
	Total	**1059.49**							
3	KSRRB 500-6: Providing and applying primer coat with bitumen emulsion on prepared surface of granular Base including clearing of road surface and spraying primer at the rate of 0.60 kg/sqm using mechanical means complete as per specifications. MORTH specification No. 502 **Page No. 172/ Item No. 21.6/ PWD SR 2012-13**								
	Total Length of road for Asphalt Dipression	Sqm		930.00	—		930.00 930.00	39.64	36865.00
	Basic Rate	36.70							
	Area Weightage 8%	2.94							
	Total	**39.64**							

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4	KSRRB 500-2: Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and/or compressed air to receive bituminous treatment including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH Chapter 5 Page No. 172/ Item No. 21.2/ PWD SR 2012-13								
	AshwathKatte Main road	Sqm	1	240.00	5.70		1368.00		
	Basaveshwara Road		1	167.00	5.50		918.50		
	Mantapada Road		1	186.00	6.00		1116.00		
	Cross roads		1	87.00	5.00		435.00		
	Cross roads		1	76.00	4.00		304.00		
	Pipeline - 6th Cross		1	100.00	5.00		500.00		
	Krishnana Nagara Road		1	100.00	3.50		350.00		
	Mantapada Cross roads		4	60.00	5.00		1200.00		
	Mallikarjuna Temple Road		1	172.00	3.50		602.00		
	Kalyananagara 1st Main		1	310.00	5.50		1705.00		
	2nd main		1	215.00	3.80		817.00		
	3rd main		1	270.00	3.80		1026.00		
	5th Cross		1	150.00	4.00		600.00		
	7th Cross		1	65.00	5.00		325.00		
	6th Cross		1	150.00	5.50		825.00		
	8th Cross		1	87.00	5.00		435.00		
	Golden Bakery		1	150.00	5.20		780.00		
	Shivananda Store		1	200.00	5.50		1100.00		
	Bhagyalakshmi Temple		1	245.00	4.00		980.00		
	Bescom Office Road		1	55.00	5.50		302.50		
				3085.00			**15689.00**	2.38	37277.00
	Basic Rate	2.20							
	Area Weightage 8%	0.18							
		2.38							
5	KSRRB 500-10 : Tack Coat:- Providing and applying tack coat with bitumen emulsion using emulsion pressure distributor at the rate of 0.20 kg per sqm on the prepared bituminous/granular surface cleaned with mechanical broom complete as per specifications using bitumen emulsion. MORTH Specification No.503 (Page No.173, Item No. 21.10.1)								
	AshwathKatte Main road	Sqm	1	220.00	5.70		1254.00		
	Basaveshwara Road		1	167.00	5.50		918.50		
	Mantapada Road		1	186.00	6.00		1116.00		
	Cross roads		1	87.00	5.00		435.00		
	Cross roads		1	76.00	4.00		304.00		
	Pipeline - 6th Cross		1	100.00	5.00		500.00		
	Krishnana Nagara Road		1	100.00	3.50		350.00		
	Mantapada Cross roads		4	60.00	5.00		1200.00		
	Mallikarjuna Temple Road		1	172.00	3.50		602.00		
	Kalyananagara 1st Main		1	310.00	5.50		1705.00		
	2nd main		1	215.00	3.80		817.00		
	3rd main		1	270.00	3.80		1026.00		
	5th Cross		1	150.00	4.00		600.00		
	7th Cross		1	65.00	5.00		325.00		

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	6th Cross		1	150.00	5.00		750.00		
	8th Cross		1	87.00	5.00		435.00		
	Golden Bakery		1	150.00	5.20		780.00		
	Shivananda Store		1	200.00	5.50		1100.00		
	Bhagyalakshmi Temple		1	245.00	4.00		980.00		
	Bescom Office Road		1	55.00	5.50		302.50		
							15500.00	10.80	167400.00
	Basic Rate	10.00							
	Area Weightage 8%	0.80							
		10.80							
6	KSRRB M500-18: Providing and laying semi dense bituminous concrete 25mm thick with 100-120 TPH batch type HMP producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bituminous binder at 4.5 to 5% of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH Specification clause No. 500.8 complete in all respects as per specifications. With 80/100 grade bitumen Page No. 175/ Item No. 21.20.1/ PWD SR 2012-13									
	AshwathKatte Main road	Sqm	1	240.00	5.70	0.025	34.20		
	Basaveshwara Road		1	167.00	5.50	0.025	22.96		
	Mantapada Road		1	186.00	6.00	0.025	27.90		
	Cross roads		1	87.00	5.00	0.025	10.88		
	Cross roads		1	76.00	4.00	0.025	7.60		
	Pipeline - 6th Cross		1	100.00	5.00	0.025	12.50		
	Krishnana Nagara Road		1	100.00	3.50	0.025	8.75		
	Mantapada Cross roads		4	60.00	5.00	0.025	30.00		
	Mallikarjuna Temple Road		1	172.00	3.50	0.025	15.05		
	Kalyananagara 1st Main		1	310.00	5.50	0.025	42.63		
	2nd main		1	215.00	3.80	0.025	20.43		
	3rd main		1	270.00	3.80	0.025	25.65		
	5th Cross		1	150.00	4.00	0.025	15.00		
	7th Cross		1	65.00	5.00	0.025	8.13		
	6th Cross		1	150.00	5.00	0.025	18.75		
	8th Cross		1	87.00	5.00	0.025	10.88		
	Golden Bakery		1	150.00	5.20	0.025	19.50		
	Shivananda Store		1	200.00	5.50	0.025	27.50		
	Bhagyalakshmi Temple		1	245.00	4.00	0.025	24.50		
	Bescom Office Road		1	55.00	5.50	0.025	7.56		
							390.35	8829.00	3446400.00
	Basic Rate	8,175.00							
	Area Weightage 8%	654.00							
		8,829.00							
7	KSRRB 400-1.3: Carriage of mixed materials 10 kms for items of Sl.No.19.1 to 19.6 and 19.8 to 19.16 (Page No.183)								
	Qty.vide item No. 3	Cum					390.35		
							390.00	56.70	22113.00

ನಂ. TE/BZ/13 ದಿನಾಂಕ : 04/03/2013
ರೂ. 40,00,000/- ಕ್ಕೆ ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ
ಮುಖ್ಯ ಅಭಿಯಂತರರು
ಬೆಂಗಳೂರು ಸಹಾಯಕರು ಬ.ಬ.ಪ.ಪಾ.
ಗಾಂಧಿಭವನ, ಬೆಂಗಳೂರು

Chief Engineer
Dasarahalli Zone, Bangalore

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	Basic Rate	52.50							
	Area Weightage 8%	4.20							
		56.70							
8	Disposal of debris to the final place of disposal with all lead and lift and as direction by the engineer in charge of the work, lead 2 Km a) Basic rate for haulage of materials as per item No. 17.4/KSRRB : M100-4.1 ..... Rs. 2.00 Tonne/Km b) Average earth of work 1.28 Tonne/Km for Rs. 2.00/Km c) Add loading and unloading Item No. 17.1/KSRRB M 100-1 Rs. 62.20 (P.147 I.18.57/1)								
	Qty Vide Item No=1						517.00		3457.00
	Qty Limited to						493.00	72.71	35844.00
	Basic Rate	5.12							
	Loading and Unloading Charges	62.20							
		67.32							
	Area Weightage @ 8%	5.39							
	Total	72.71							
9	Miscellaneous and other unforseen charges								
								Total	4000000.00
	(Rupees Forty Lakhs Only)								

P/142 L.S 49.30 cum 70.33 3818870.00 181130.00 44.00

CERTIFICATE

1 The work sport has been inspected and the work found to be necessary
2 This estimate is prepared as per the PWD S.R of 2012-13
3 The provisions made in estimate are adequate and essential
4 This area comes under BBMP limits

Asst. Engineer
Ward No-13

Asst.Executive Engineer
Shettyhalli Sub-Division
BBMP

Executive Engineer
Dasarahalli Zone
BBMP

Project Engineer (PE-A)
BIDL. Dasarahalli Z

A/S

No. JC(DA)AS 735/12-13 ದಿನಾಂಕ: 28/02/13
ರೂ. 40.00 Lakhs (Rupees Forty Lakhs only)
ಈ ಆದೇಶವು ಬಿಟ್ಟಿಗೆ ಅಡಳಿತಾತ್ಮಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ
Page No 133
Sl. No. 735
ಜಂಟಿ ಆಯುಕ್ತರು
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು.

P. 220/AC
D.W.under PJDMP.
No:-013-13-000035

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